ONE POT C2

SBQ Direct Emulsion

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URL http://www.murakami.co.jp/english/index.html

Features/Application

- Pre-sensitized emulsion, ready-to-use. No diazo required
- High resolution & defintion power for reproducing fine details
- High density type emulsion, suited for easier coating and building flat surface profile of stencils (lower Rz)
- Extended shelf life, original quality preserved even with longer storage period
- Fast exposure emulsion, suitable for building thick EOM
- Suitable for solvent based inks and UV inks.
- Suitable for PCB, plastics, paper printing applications.

Instructions

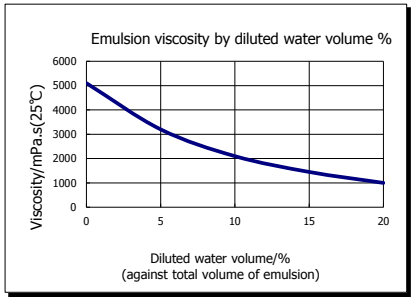
- Wash, degrease and dry screen mesh. Remove grease and foreign contaminants with MSP cleanser.
- Coat emulsion slowly in order to prevent air bubbles.
- Dry coated screen completely before exposure. Drying temperature up to 40°C(104°F). Avoid excessive temperature for drying screens.

【Remarks】

- Keep the emulsion in a cool and UV light safe area.
- Recommended to filter remaining emulsion with screen mesh before pouring it back into the container to remove any dust, foreign substances and air bubbles.

Specifications

- Viscosity: Approx. 5,000mPa·s(25℃)
- Solid Contents: Approx. 38.0%
- Packaging Standards: 1kg, 5kgs, 200kgs
  ※Contact us for custom packaging.



Solvent Resistance Rating

Solvent	Rating	Solvent	Rating
Water	Poor	Methyl Cellosolve	Poor
Toluene	Good	Isophoron	Good
Acetone	Fair	Ethylene Glycol Dimethyl Ether	Poor
Ethyl Acetate	Fair	Isopropyl Alcohol	Good
Butylcellosolve	Good	Methyl Ethyl Ketone	Fair
N-Methyl Pyrrolidone(NMP)	Poor	Butyl Carbitol Acetate	Good
Butylacetate	Fair	Terpineol	Good
Cyclohexanone	Fair	Methanol	Poor

※24hours swelling/absorption test results.

Exposure Data

Screen mesh, Color	E.O.M. (μm)	3kW Metal Halide lamp UV42 intensity: 12mW/cm^2
Polyester 59/cm (150/inch) W	15	30～40 sec
Polyester 100/cm (250/inch) Y	15	40～60 sec
Polyester 120/cm (300/inch) Y	10	35～45 sec

* The above is for guideline purposes only. Please use a grayscale exposure calculator to identify optimal exposure time.

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